

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 11-6-59

OW _____ WW _____ TA _____

GW _____ OS _____ PA X

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log 11-16-59

Electric Logs (No.) 2

E _____ I _____ E-I _____ GR _____ GR-N ✓ Micro _____

Lat _____ Mi-L ✓ Sonic _____ Others _____

Sub Repas 11/16/59

✓ In Unit

Scout Report sent out



Noted in the NID File



Location map pinned



Approval or Disapproval Letter



Date Completed, P. & A., or
operations suspended

11-6-59

Pin changed on location map



Affidavit and Record of A & P



Water Shut-Off Test

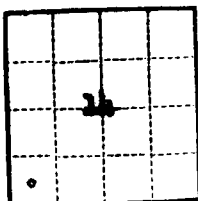


Gas-Oil Ratio Test



Well Log Filed





(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Form No. 43-228.4
Approval expires 12-31-55.

Utah

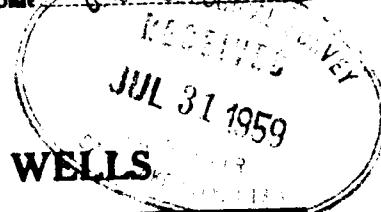
Land Office

Utah 08783

Lease No.

Unit Nequola Arch

Unit



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 29, 19 59

Well No. 4 is located 810 ft. from ^N_S line and 820 ft. from ^E_W line of sec. 14

SW/4 SW/4 Sec. 14 28 South 14 East 6 th PM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat
(Field)

Wayne
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~surface~~ Ground above sea level is 5640 ft. Ungraded - subject to change.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Approximately 100' of 16" conductor pipe and 1000' of 10 3/4" csg. will be set. Expected TD is 6600', to the Mississippian Formation. The upper procity zones also will be tested if oil shows are found. An electrical, Microlog, Radiation, and Collar Log will be run from the bottom of surface pipe to TD. A 5 1/2" production string of casing will be set if the well is productive. The expected stratigraphic section and estimated depth is as follows:

Kayenta	710	(A952)	Hermosa	3990	(A1672)
Vingate	965	(A4697)	Ismy	4790	(A872)
Chino	1252	(A4410)	Desert Creek	4977	(A685)
Shinarump	1565	(A4097)	Paradox	5125	(A337)
Neenokpi	1650	(A4012)	Nolas	6130	(A468)
Sinbad	2037	(A3625)	Mississippian	6380	(A718)
Conseine	2110	(A3552)			

CONDITIONS OF APPROVAL ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company MURPHY CORPORATION

Address 940 Petroleum Club Building

110 Sixteenth Street

Denver 2, Colorado

By Harold Milan

Title Division Production Supt.

COMPANY **MURPHY CORPORATION**

Well Name & No. **4 Nequoia Unit**

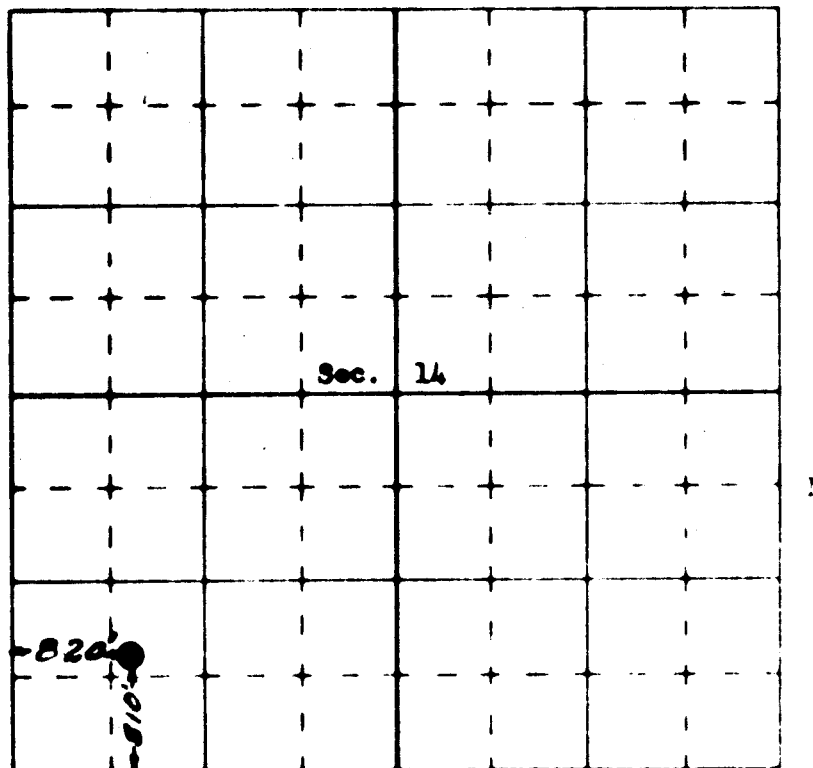
Lease No.

Location **810' FROM THE SOUTH LINE & 820' FROM THE WEST LINE**

Being in **NE SW SW**

Sec. **14**, T **28 S**, R **14 E**, S. L. N., Wayne County, Utah

Ground Elevation **5649'** ungraded



Scale - 4 inches equals 1 mile

Surveyed **5 May**

19 **59**

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

James P. Lease

Registered Land Surveyor
James P. Lease

Utah Reg. No. 1472

MURPHY CORPORATION

EL DORADO, ARKANSAS

September 22, 1959

PLEASE REPLY TO OUR
DIVISION OFFICE

940 Petroleum Club Building
110 Sixteenth Street
Denver 2, Colorado

Oil & Gas Conservation Commission
State of Utah
Room 310 New House Building
Salt Lake City, Utah

Attention: Mr. Feight

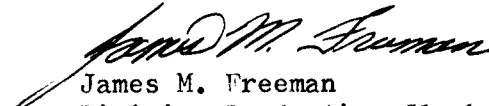
Gentlemen:

Attached are two copies each of our Notice of Intention to Drill and Survey Plats on our Nequoia Unit #4 well, SW/4 SW/4 Section 14, T28S-R14E, Wayne County, Utah.

Failure to file these copies sooner with your office was an oversight on our part.

Yours very truly,

MURPHY CORPORATION


James M. Freeman
Division Production Clerk

JMF:rn
Attachments

*REC
JMB
FBI*

COPY

FROM

MURPHY CORPORATION

EL DORADO, ARKANSAS

November 13, 1959

**940 Petroleum Club Building
110 Sixteenth Street
Denver 2, Colorado**

**United States Geological Survey
475 Federal Building
Salt Lake City, Utah**

Attention: Mr. Donald F. Russell, District Engineer

**Oil and Gas Conservation Commission ✓
State of Utah
Room 310 Newhouse Building
Salt Lake City, Utah**

Attention: Mr. Feight

Gentlemen:

Attached are two copies of our Oil and Gas log and two copies of the Subsequent Report of Abandonment for your consideration and approval on our Nequoia Arch #4 well SW/4 SW/4 Section 14, T28S-R14E, Wayne County, Utah.

This office has not received finished copies of the Gamma Ray Neutron and Microlaterolog from Schlumberger. We will forward two copies of each log to your office as soon as they are received.

A laterolog was run by Schlumberger but due to mechanical difficulties of Schlumberger equipment they do not consider this log complete, consequently, no finished copies are to be distributed.

Your co-operation on this matter will be greatly appreciated.

Yours very truly,

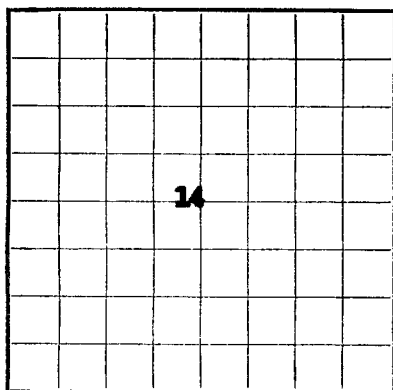
MURPHY CORPORATION

James M. Freeman
James M. Freeman

Division Production Clerk

JMB:rn

Attachments



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Murphy Corporation Address 940 Petroleum Club Building
Lessor or Tract Nequoia Arch Field Wildcat State Utah
Well No. 4 Sec. 14 T. 28S R. 14E Meridian 6th P.M. County Wayne
Location 810 ft. N of S Line and 820 ft. E of W Line of Section 14 Elevation 5656 RKB
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date November 11, 1959Title Division Production Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling 8/2 Finished drilling 11/6

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
10 3/4	40.50#	8rd	J-55	991.30'	Baker			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	1001.80'	390 sx regular cmt w/2% cact	Pump & plug.		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

WELL NO.	DATE	WELL DEPTH	WELL TYPE	WELL STATUS	WELL LOCATION
350 32 131 101	1959 7 31				

WELLING AND CLOSING RECORD

HISTORY OF OIL OR GAS WELL

16-43004-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spudded 5:30 PM 9-2-59. Drilled a 13 3/4" hole to 1020'. Ran & cemented 32, jts. (991.30') of 10 3/4" 40.50# J-55 casing and set 10.50' below RKB at 1001.80'. Cemented with 390 sacks regular cement with 2% CaCl. Plug down at 10:35 AM 9-6-59. Good cement returns to surface. W.O.C. Drilled a 8 3/4" hole to 6975'. Drillers Meas. equals 6975' Schl. Meas. Ran Schl Micro, Laterolog, and Gamma Ray & Neutron Logs. Tested and plugged well 11/6/59 as follows with Ideal cement by HOWCO pump and drill pipe:

WELL NO.	WELL DEPTH	WELL TYPE	WELL STATUS
25 sx	from 6791' to 6726'		
25 sx	from 4094' to 4029'		
25 sx	from 2420' to 2355'		
25 sx	from 1056' to 991'		
10 sx	from 40' to surface		

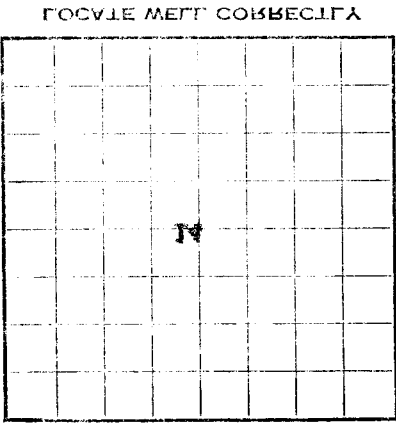
The hole was filled with high quality oil emulsion mud and a permanent 4" pipe marker was erected.

The summary on this page is for the condition of the well at above date.

Date: 10/11/59

The information given hereafter is a complete and correct record of the well and all work done thereon.

WELL NO.	DATE	WELL DEPTH	WELL TYPE	WELL STATUS	WELL LOCATION
350 32 131 101	1959 7 31				



LOC OF OIL OR GAS WELL

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

NAME OF FIELD OR PROSPECT	
SERIAL NUMBER	1154 06143
U.S. FIELD OFFICE	1154

inured - 3 1959

There were no cores cut. One drill stem test was run as follows:

<u>DST #1 6798-6975'</u>	Tool open 1 hr fair blow immediately increasing to good blow in 15 mins and staying steady until end of test. Rec. 1762' of muddy salty wtr. IFP 3905#, 30 min ISIP 2240#, IFP 140#, FFP 730#, 30 min FSIP 2040#, FHP 3885#.
--------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

STATE UTAH		COMPANY MURPHY CORPORATION	
COUNTY WAYNE		FARM NEQUOLA	WELL NO. #4
BLOCK C SW SW		SURVEY	
SEC. 14			
T. 28 S	R. 14 E	TOTAL DEPTH 6975' Drlr. & Schlum.	
ALTITUDE 5656' K.B. PRODUCTION D & A		CONTRACTOR Rine Drlg. Co.	
		COMMENCED 9 - 2 - 59	
		COMPLETED 11 - 6 - 59	
		REMARKS	

CASING RECORD

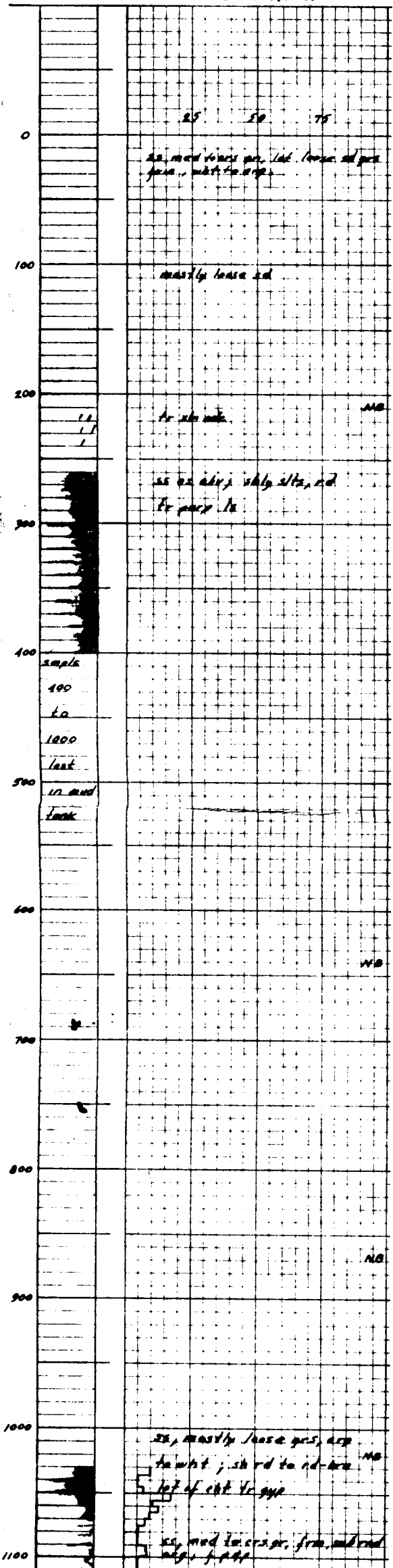
991.30'	10-3/4" @	1001.80'	w/390
		ex. cmt. + 2%	
		CaCl.	
SHOT		QUARTS	BETWEEN

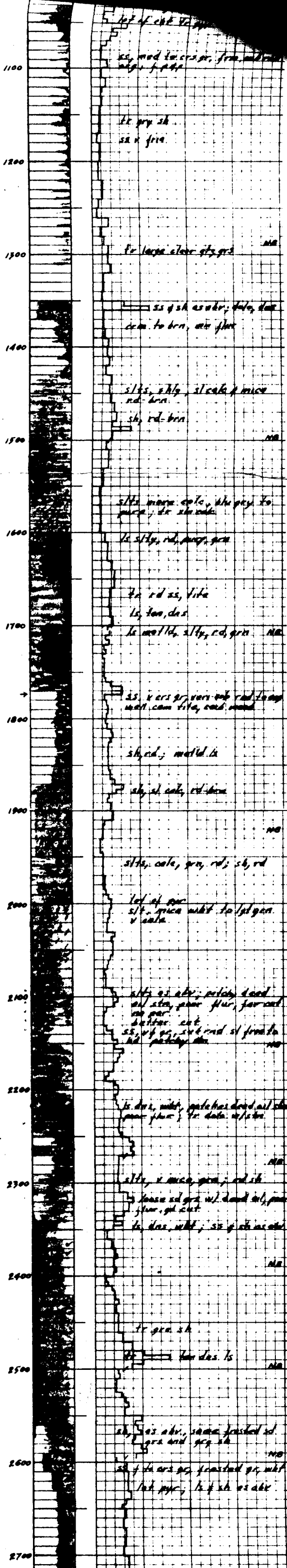
TIME RATE SCALE: 1/10" =

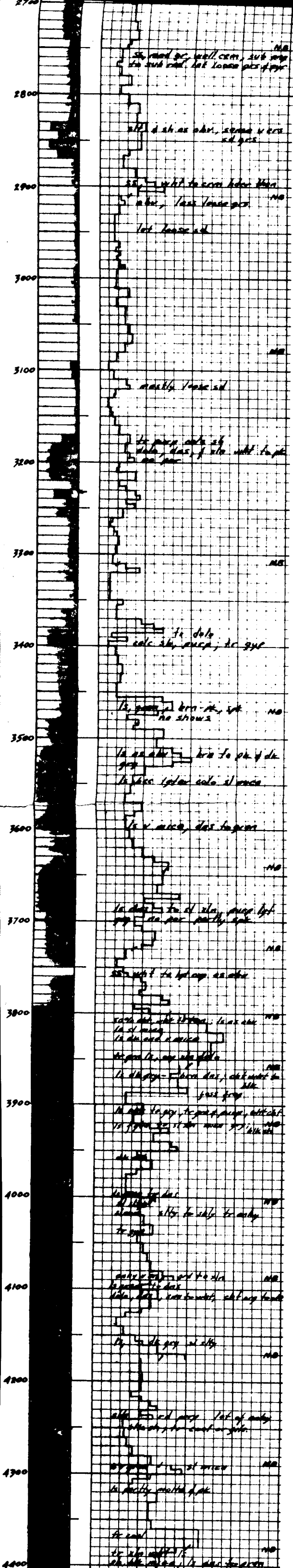
MINUTES

FORM 450 - In stock and for sale by Ross-Martin Co., Tulsa

TIME RATE-1/10" SQUARES








(The following information was obtained from the FBI file maintained by the New York City Office.)

1000

addition to add-
the monthly dose
to you for

take and hold the pen
 write slowly, looking at my
 clock as I go. It shows me
 how long it takes to write
 each word.

1. The first part of the document is a list of names and their corresponding dates. The names are: "John Doe", "Jane Smith", "Bob Johnson", "Alice Brown", "Charlie White", "David Green", "Eve Black", "Frank Gray", "Grace Hall", "Henry Lee", "Ivy King", "Jack King", "Karen Lee", "Leo Miller", "Mia Miller", "Noah Miller", "Olivia Miller", "Peter Miller", "Quinn Miller", "Rachel Miller", "Sam Miller", "Tina Miller", "Uma Miller", "Victor Miller", "Wendy Miller", "Xavier Miller", "Yara Miller", "Zoe Miller". The dates are: "1/1/2020", "2/1/2020", "3/1/2020", "4/1/2020", "5/1/2020", "6/1/2020", "7/1/2020", "8/1/2020", "9/1/2020", "10/1/2020", "11/1/2020", "12/1/2020", "1/1/2021", "2/1/2021", "3/1/2021", "4/1/2021", "5/1/2021", "6/1/2021", "7/1/2021", "8/1/2021", "9/1/2021", "10/1/2021", "11/1/2021", "12/1/2021".



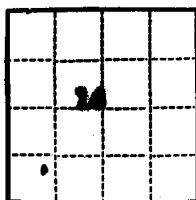
Handwritten musical notation on a grid background. The notation consists of a series of horizontal lines and vertical strokes, resembling a musical staff with notes and rests. The lines are drawn in a dark ink, and the grid is composed of small squares.

1. The first group, which is the most common, is the group of people who are in the middle of the social hierarchy. They are the people who are not at the top, but not at the bottom either. They are the people who are in the middle of the social hierarchy.

I think I'm a little better, now
 I feel like I'm getting back to my old self.
 I hope you're all well too.
 Love,
 Mom

legality does not go further, that is,

Test #1 6795-5275
 Tool open for 1 hr.,
 Fair blow immediately
 Inex. to good blow for
 15 min. & staying
 steady to end of test.
 Res. 1762' of muddy,
 salty water.
 IHP: 3905#
 ISIP: 2240# (30 min.)
 IFF: 140#
 FFF: 730#
 FSIP 2040# (30 min.)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. Utah 00788
Unit Nequola Arch

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 11, 1959

Well No. 4 is located 810 ft. from TXS line and 800 ft. from TXS line of sec. 14
SW/4 SW/4 Sec. 14 28S 14E 6th T.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Wayne Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ above sea level is 5450 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled a 8 3/4" hole to 6975'. Drillers Meas 6975' equals Schl Meas 6975. Electric log tops were as follows:

Wingate	1125 (+4331)	Cocconino	2323 (+3335)	Desert Creek	5200 (+476)
Chino	1432 (+4324)	Welfcamp	3510 (+2146)	Paradox Evaporite	5305 (+261)
Shinarump	1764 (+3883)	Upper Hermosa	4025 (+1331)	Lower Hermosa	6076 (-420)
Moenkopi	1842 (+3814)	Ismy	5035 (+601)	Molas	6478 (-317)
				Mississippian	6776 (-320)

Plugged well as follows w/Ideal cement by HUNCO and drill pipe. 25 sz from 6791 to 6726', 25 sz from 6004' to 4039', 25 sz from 3430' to 2355', 25 sz from 1036' to 991', 10 sz from 89' to surface.

Erected a permanent marker of 4" pipe. The hole was filled with high quality oil emulsion mud.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Murphy CorporationAddress 940 Petroleum Club Building110 Sixteenth StreetDenver 2, ColoradoBy Charles O. Aubrey
Title Division Production Superintendent

Murphy Corporation #4 Nequola Unit
C SW SW Section 14, 28S-14E
Wayne County, Utah

SAMPLE DESCRIPTION

Surface to 400	Ss, med to crs gr, friable, many loose sd grains, org; tr purple sh at top & tr gy sh & purple ls at bottom
400-1000	Missing samples
1000-1080	Ss, med gr, friable, org to wh, sub-ang to sub-rd, much cht & gyp; sh, rd to rd-brn
1080-1360	Ss, med to crs gr, friable, sub-ang to sub-rd, fair p & p, lt org, tr sh & cht; 20% gy, purple & red sh at 1150-1360
1360-1380	Dolo, dns, crm to brn; ss & sh as above
1380-1440	Ss as above
1440-1600	Siltstone, shly & sl calc & mica, red-brn; alternating sltstn & sh w/tr gyp & calcite
1600-1700	Siltstone as above & ls, slty, varicolored, ls decr at bottom
1700-1780	Ls, motld & silty
1780-1840	Ss, v crs gr, varicolored, rnd-ang, well cm'd, tr carb wood becoming shly & ls at base
1840-2100	Siltstone & sh, red, sl mica, tr pyr, sl to v calc at bottom, some green sltstn at 2000' to bottom
2100-2220	Siltstone as above, more calc, tr dead oil stn, no p & p; becoming sl sdy, friable to hd at 2130; no stain below 2165
2220-2320	Ls, dns, wh, w/patches of dead oil stain & tr gran dolo at top, then sltstn & v f gr ss, lt org to wh.
2320-3470	Ss, f to v crs gr, ang to rd, overgrowth, good p & p, many loose sd grns, wh to lt org; much rd sh & much red sh & sltstn at top, tr ls, dns wh to purple thruout, tr pyr scat; ss, mostly loose grns at 2900 & sl mica at 3200; sh, purple & calc at bottom
3470-3795	Ls, gran, spk, wh to pink, no p & p; Ss & sltstn as above, ls becoming dns at 3585 & sl xln; tr gyp
3795-4085	Ls, gran to dns, some sl xln, becoming sl mica & slty at bottom, much dk cht to 3830 then occasional scattered thruout, wh to dk; tr sltstn & sh, red

#4 Nequoa
Wayne County, Utah
Sample Description

- 2

- 4085-4245 Ls, as above & dolo, dns, cream to wh, up to 50% of sample, varying amounts of cht, wh, org & tan; tr anhy & occasional foss. fragment. Tr sh at bottom & increase in anhy
- 4245-4925 Ls as above & blk, sl calc sh in thin beds, tr gilsonite at top. Sltstn & red sh w/tr cht thruout, tr anhy at bottom; Ls becoming earthy at 4710 & xln to v gran at 4850
- 4925-5090 Dolo, dns, buff to gy & brn, sl silty; Ls as above, sl xln at bottom w/much anhy
- 5090-5180 Ls, gran to dns becoming chk at bottom; dolo as above; cht & tr anhy thruout
- 5180-5300 Ls & dolo as above about 50-50; 50% smpl dk cht at 5225 decreasing to tr at bottom
- 5300-6040 Sltstn, calc, wh to dk red, gy; some ls & dolo as above, blk sh at 5370 & tr anhy; salt at 5425-5480, 5505-5545, 5610-5650, 5845-5895, 5960-5980; anhy & sltstn at 5555 to 6040 w/varying amount of blk sh, tr ls at bottom
- 6040-6515 Ls, dns to sl xln, some earthy & silty, tr vugular por at bottom, gy to brn; sltstn & anhy at top, blk sh & anhy at bottom; much cht at 6320 and 6390-6450
- 6515-6165 Sh & sltstn, red, calc to mica, tr ls nod, brn
- 6165-6800 Ls, chk to gran, wh, tr pinpoint por
- 6800-6975 Dolo, dns to v sl xln & gran, some psu ool, wh to yellow & buff, tr gd vugular porosity, wh cht at 6805.

UTAH STATE
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

INSPECTION RECORD - ABANDONMENT

Date 2-15-84
Location (T-R-S) 28S 14E 14
Field Area Negovia Arch Unit
County Wayne
State VT
Inspector W. Moore

WELL NAME Negovia Arch Unit #4
Operator Murphy Corporation
Contractor & Rig _____
Lease Number U-08783
Type of Well* _____
INC Issued 43-055-10768

820 FWL 810 FSL

1. Plugs spotted across perforations if casing set?
2. Plugs spotted at casing stubs?
3. Open hole plugs spotted as specified?
4. Retainers, bridge plugs, or packers set as specified?
5. Cement quantities as specified?
6. Method of verifying and testing plugs as specified?
7. Pipe withdrawal rate satisfactory after spotting plug?
8. All annular spaces plugged to surface?

YES	NO

Plug tested: ☐ No ☐ Pressured ☐ Tagged
If tested, which plug(s) _____

Cement and mechanical plug placement data (attach service company report if available): _____

Cement plug spotting method: _____

Operation(s) witnessed: _____

Additional Remarks: well not properly sealed on top of marker
and not properly marked on the pipe only a faded sign

* Dry hole, depleted producer, service, water well, etc.

INSPECTOR: JT DATE ASSIGNED: 890123
DATE COMPLETE: 901101

DEADLINE: 890523

OPERATOR : PO509 : MURPHY CORP
WELL NAME: NEQUOIA ARCH UNIT #4
S: 14 T: 28.0 S R: 14.0 E
COUNTY: WAYNE

LEASE: U-08783
API : 43-055-10768

FIELD: 001 : WILDCAT

ACTION TYPE: FOLLOW*UP***

ACTION REQUIRED:

PA*MARKER*IS*OPEN*AT*THE*TOP.*****
NO*LEGAL*DESCRIPTION*ON*THE*MARKER.*****

ACTION TAKEN:

REFERRED*TO*BLM-CEDAR*CITY-11/01/90.*****

PF KEYS: (1) NO UPDT (9) WELL DATA (12) DELETE (16) EXIT